US5555436

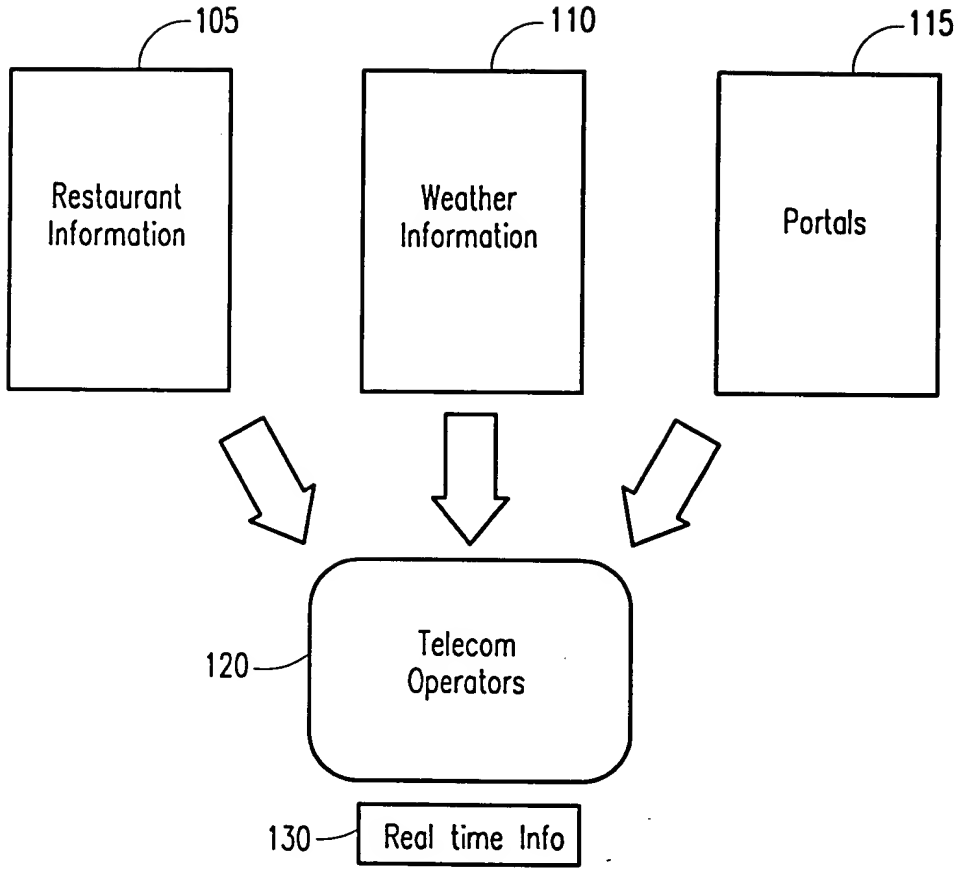

FIG. 1

09825543.052404

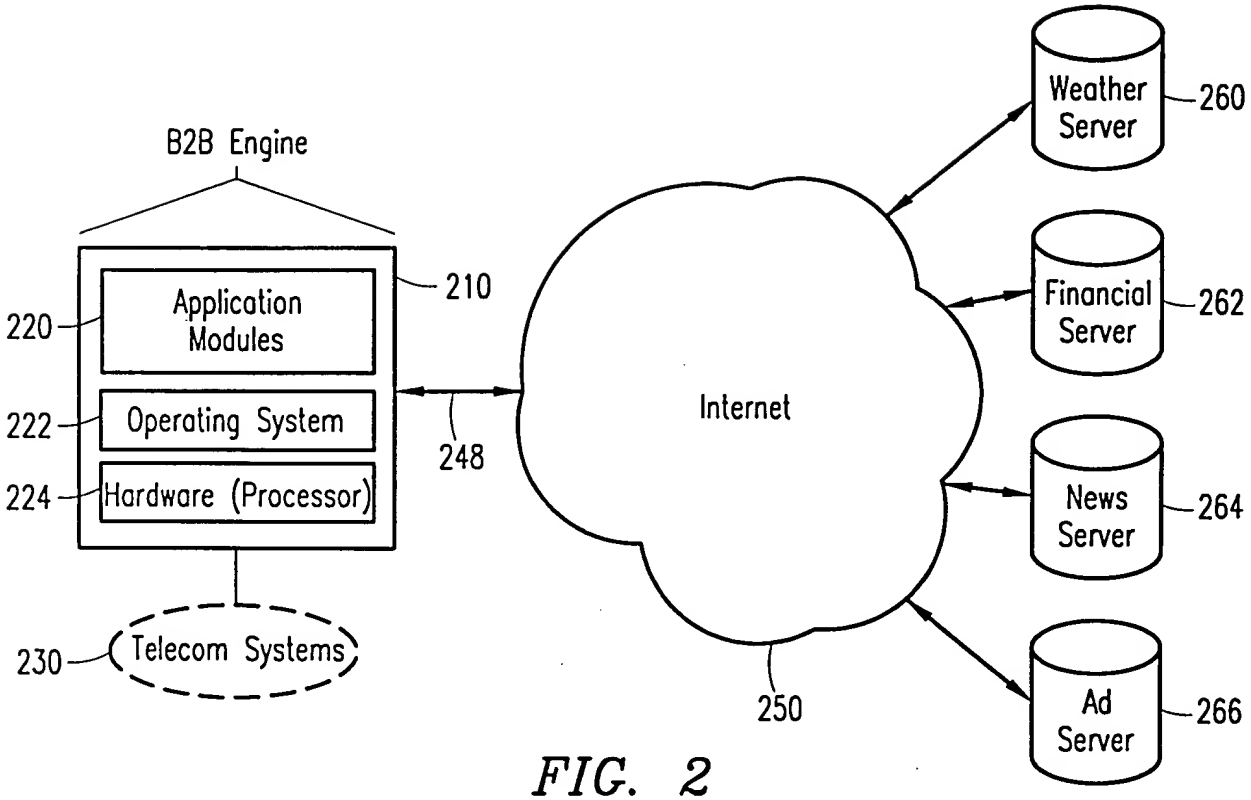

FIG. 2

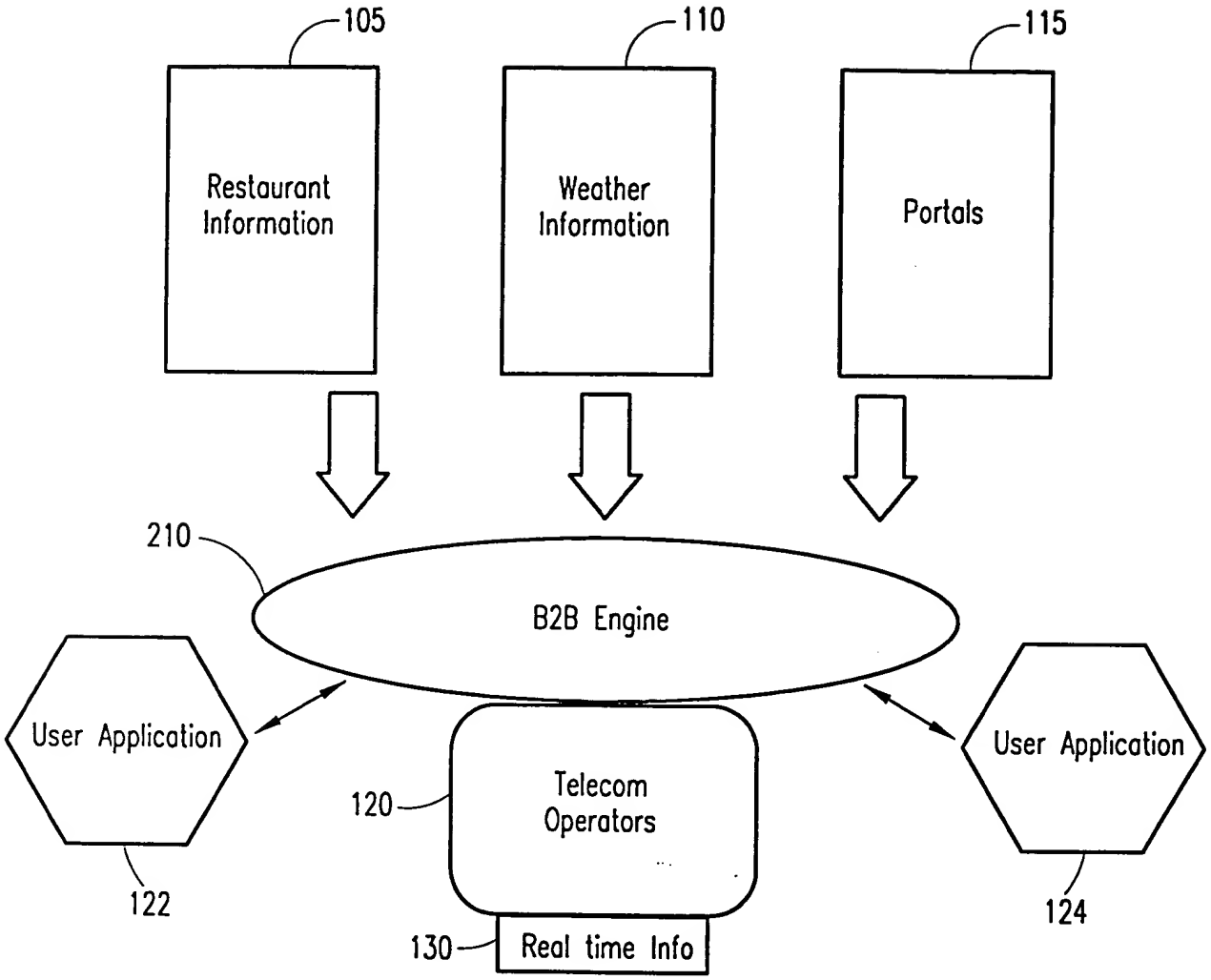
105
110
115
Restaurant Information
Weather Information
Portals
210
B2B Engine
User Application
User Application
120
Telecom Operators
122
124
130
Real time Info

FIG. 3

09625543 - 050204

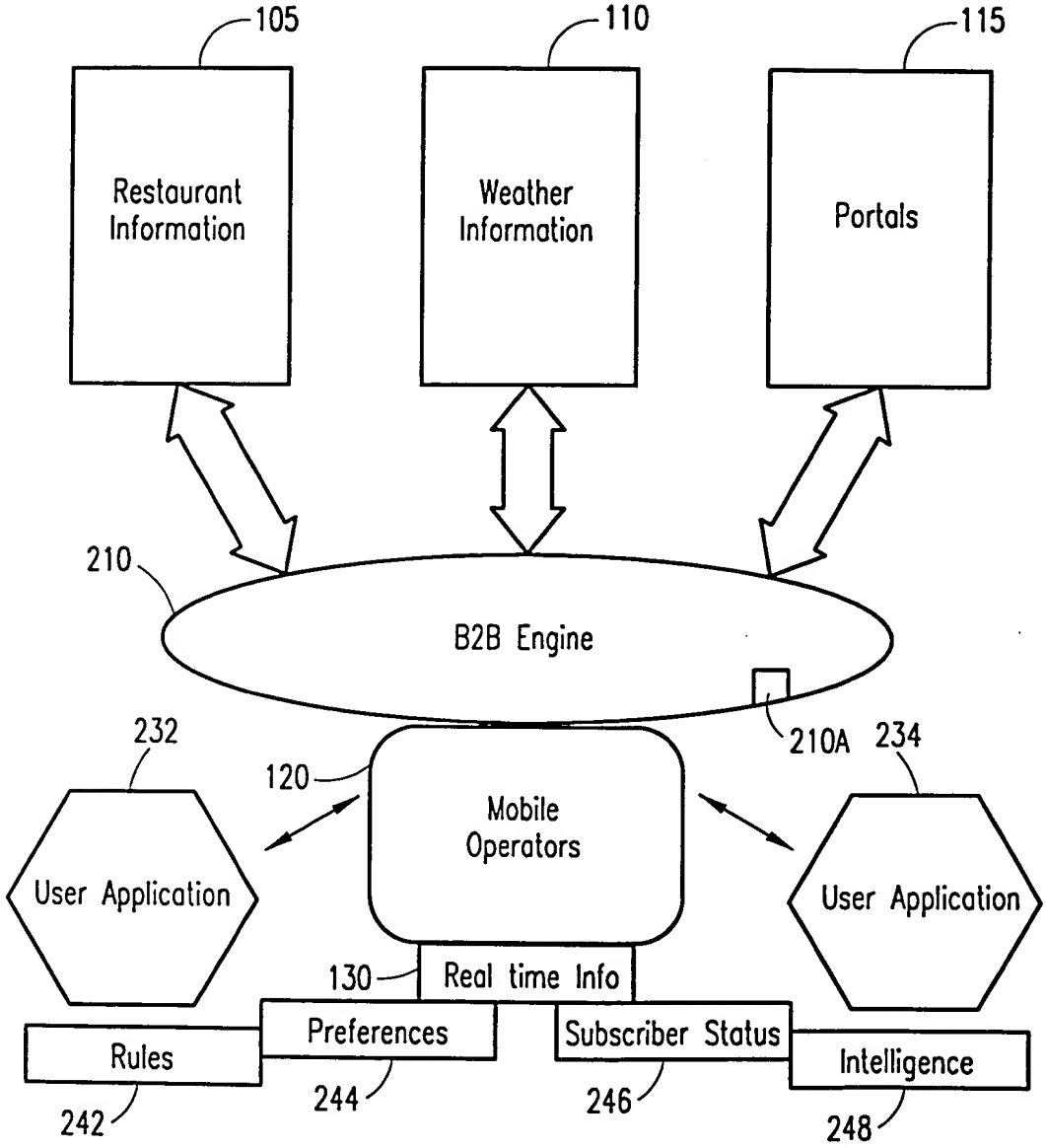

FIG. 4

Express Mail No. EV 045 045 354 US

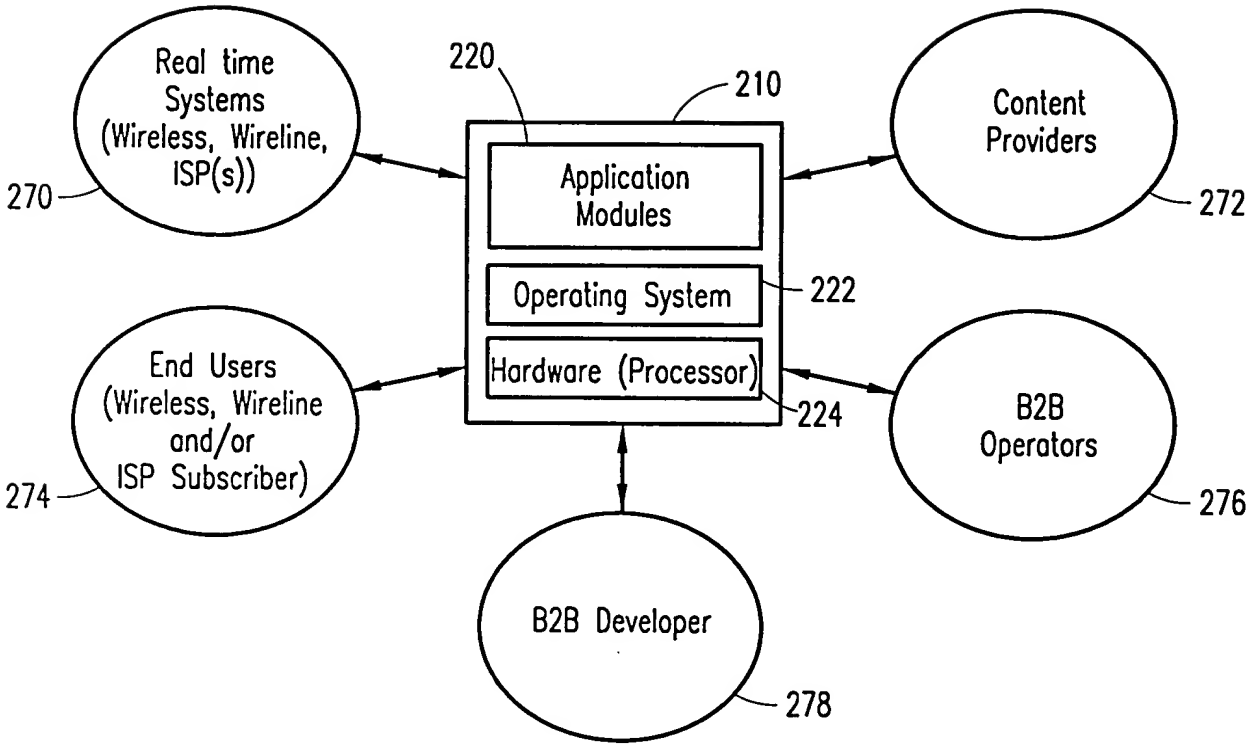

FIG. 5

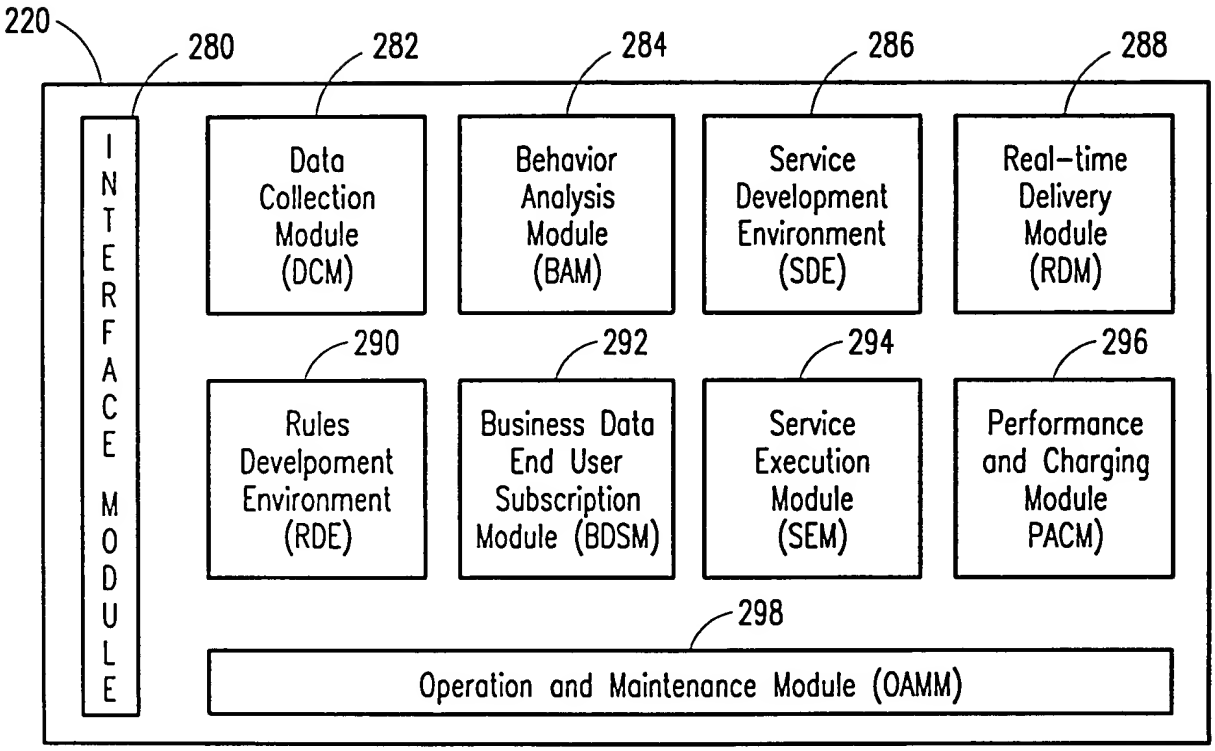
220
280
282
284
286
288
INTERFACE MODULE
Data Collection Module (DCM)
Behavior Analysis Module (BAM)
Service Development Environment (SDE)
Real-time Delivery Module (RDM)
290
292
294
296
Rules Develpoment Environment (RDE)
Business Data End User Subscription Module (BDSM)
Service Execution Module (SEM)
Performance and Charging Module PACM)
298
Operation and Maintenance Module (OAMM)

FIG. 6

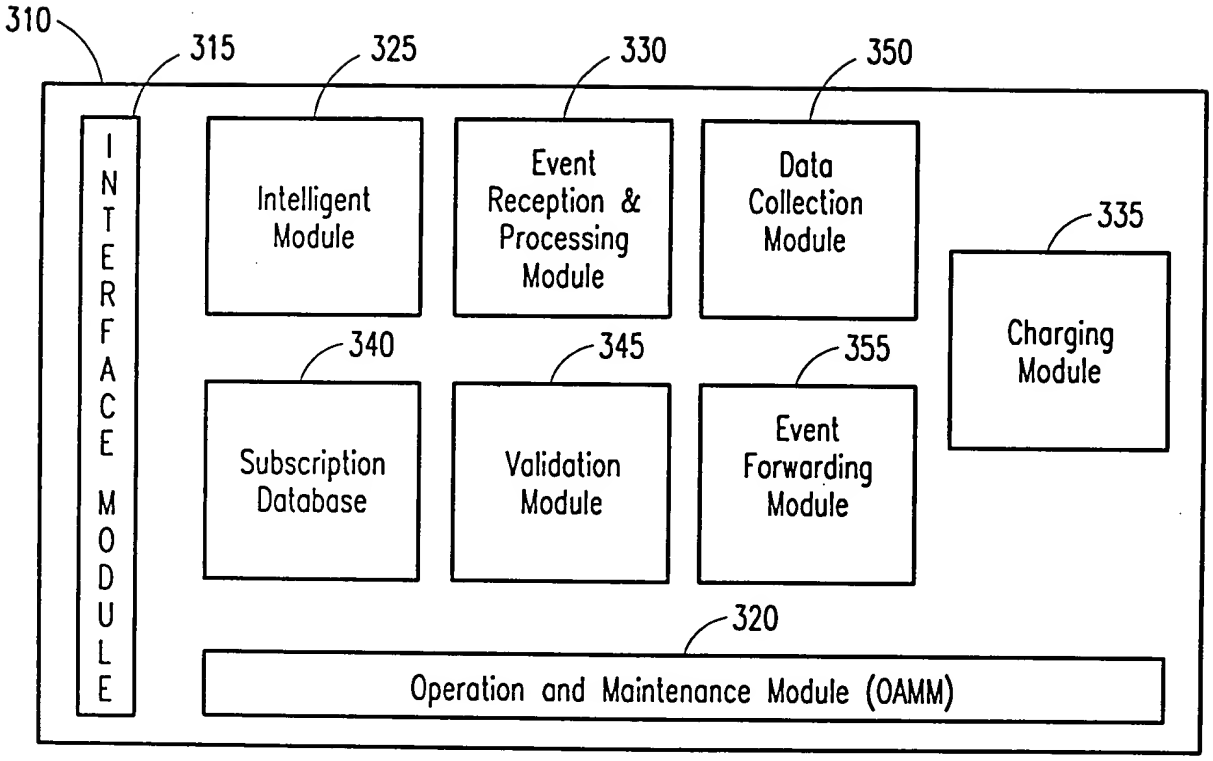
310
315
325
330
350
335
INTERFACE MODULE
Intelligent Module
Event Reception & Processing Module
Data Collection Module
Charging Module
340
345
355
Subscription Database
Validation Module
Event Forwarding Module
320
Operation and Maintenance Module (OAMM)

FIG. 7

TOT250" 2452986D

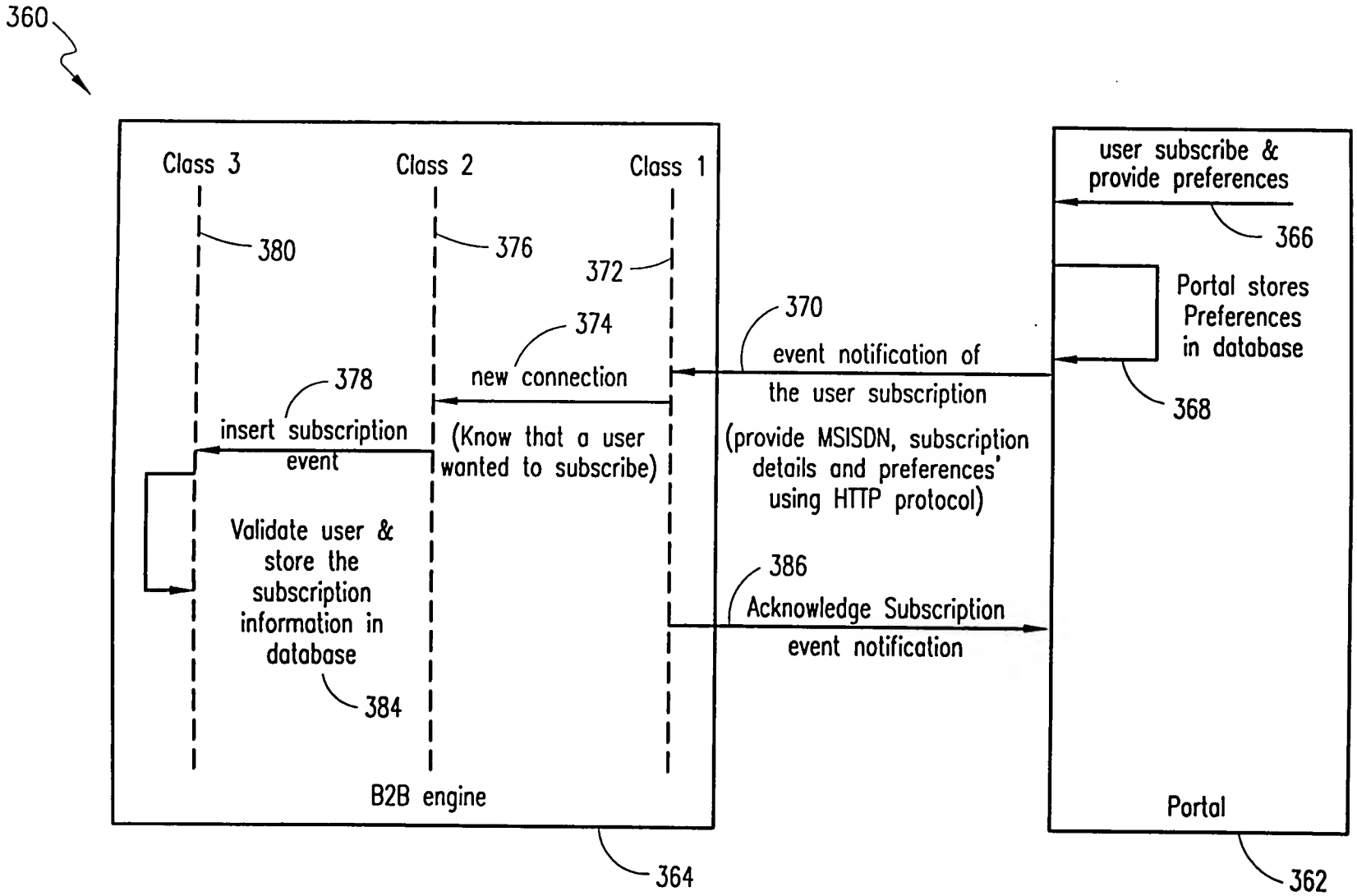

FIG. 8

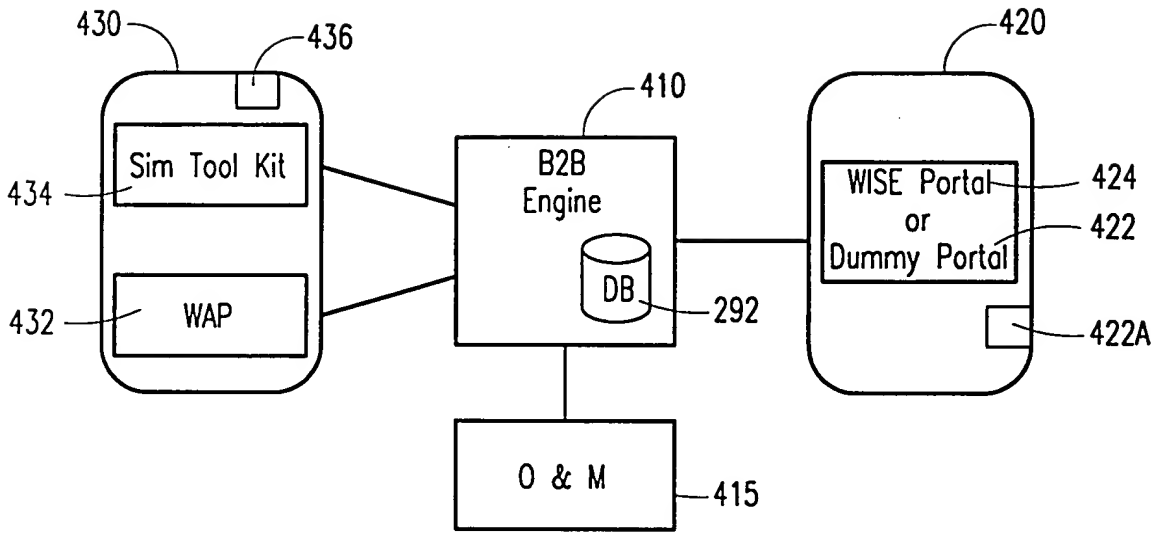
430
436
420
410
Sim Tool Kit
434
B2B
Engine
WISE Portal
or
Dummy Portal
424
422
DB
292
432
WAP
422A
O & M
415

FIG. 9

FOT250 Ex529860

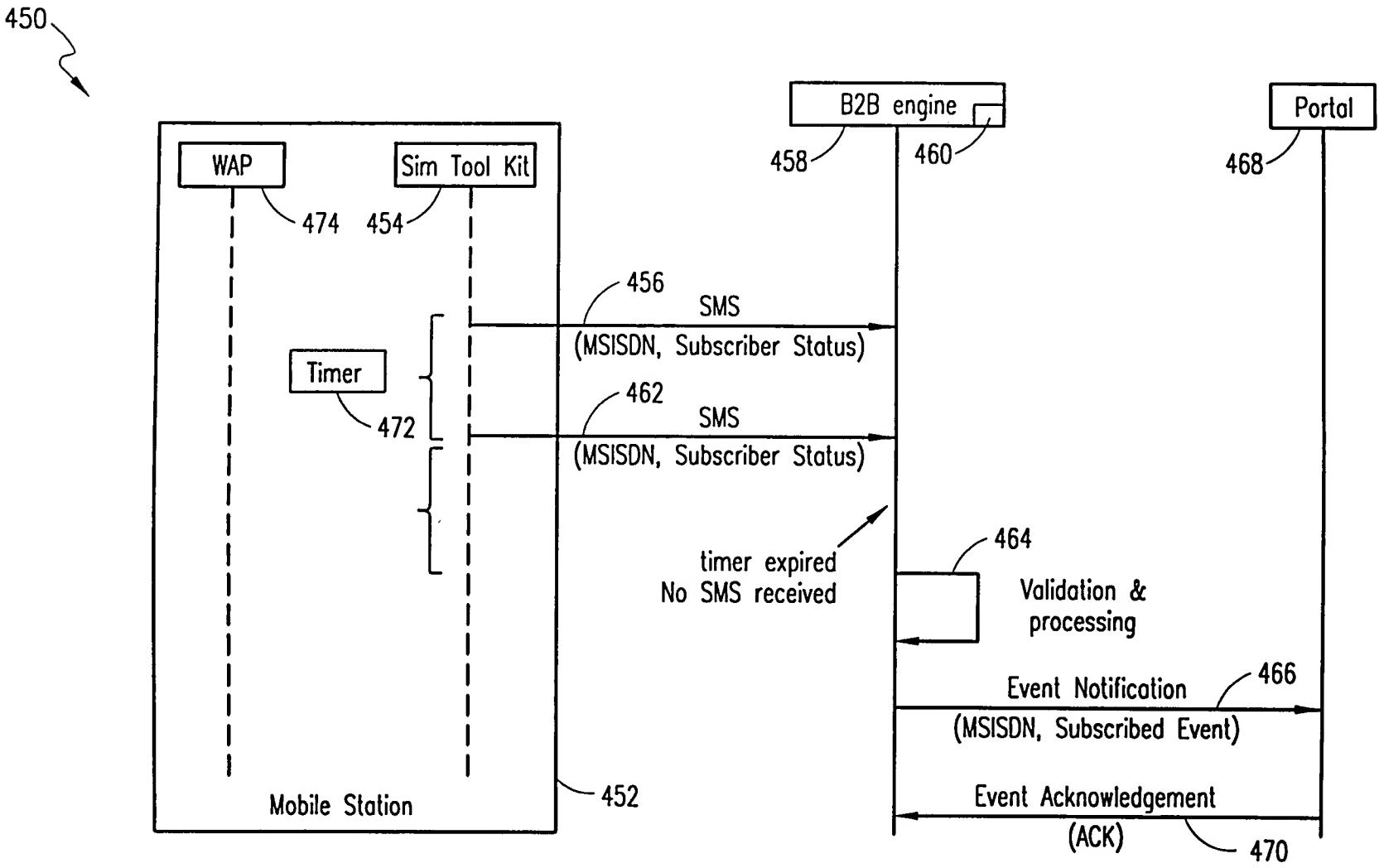

FIG. 10

TOT250 Eh529860

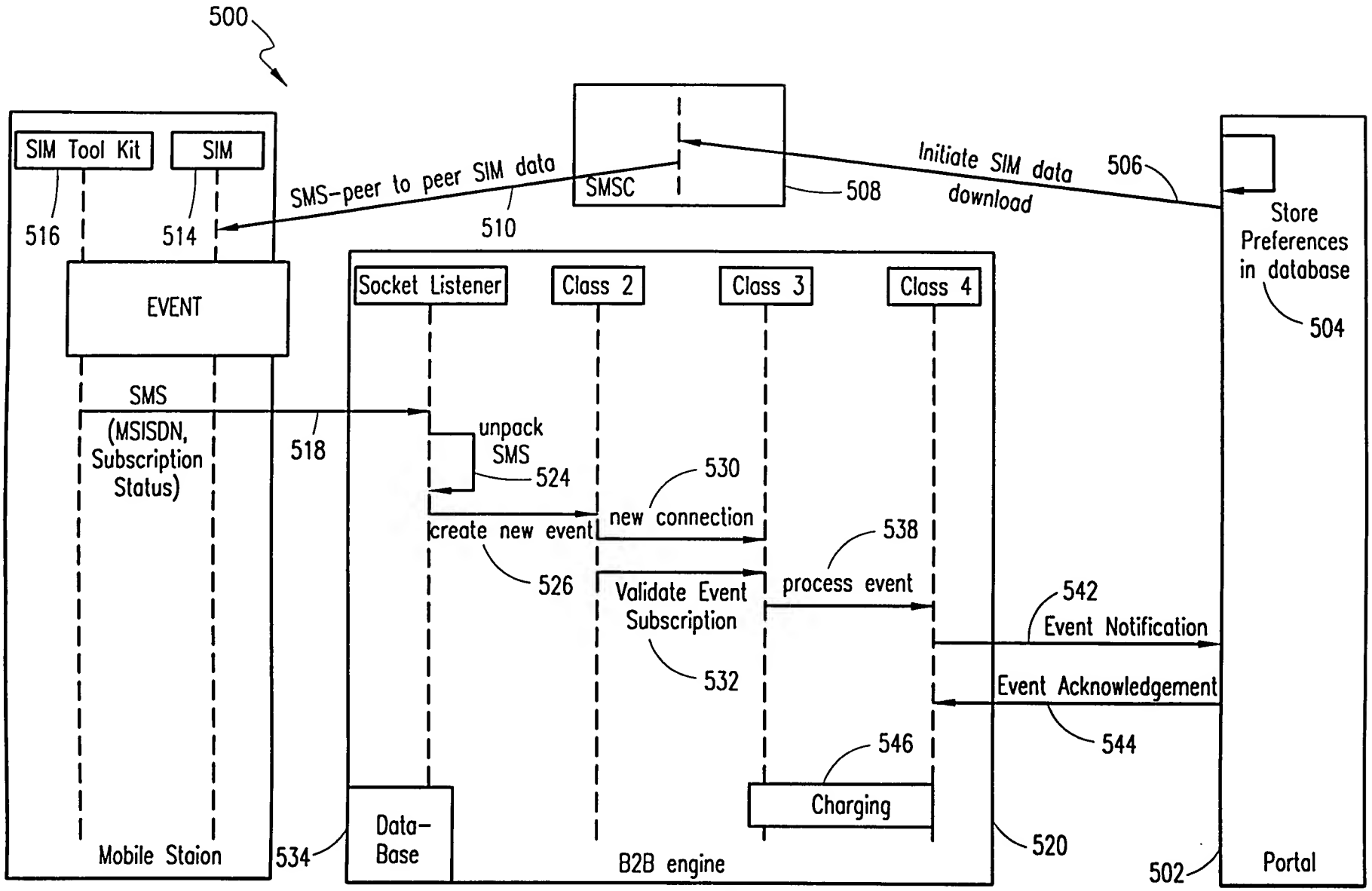

FIG. 11

05052454.052404

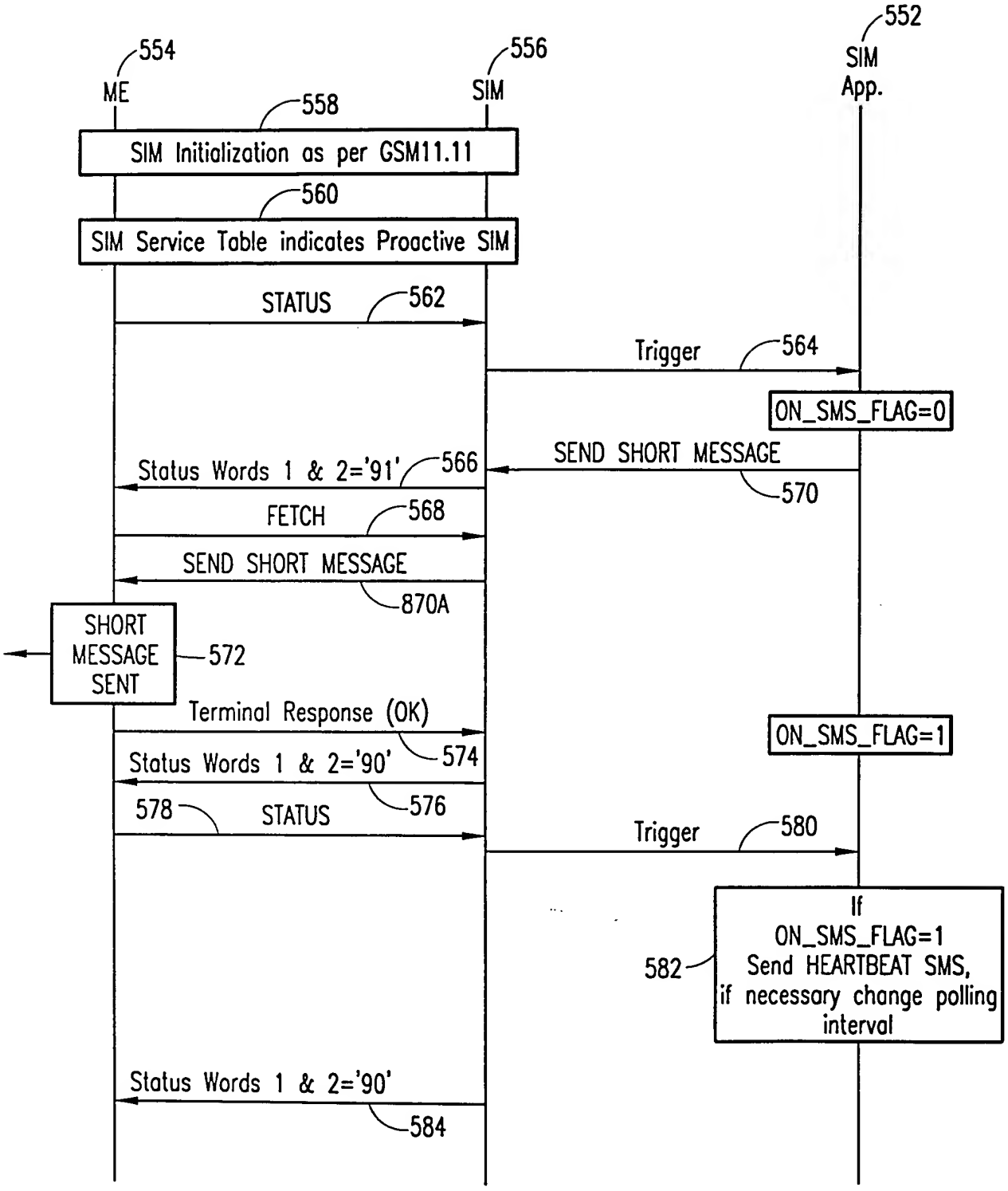

FIG. 12

FOTOS - 3455969

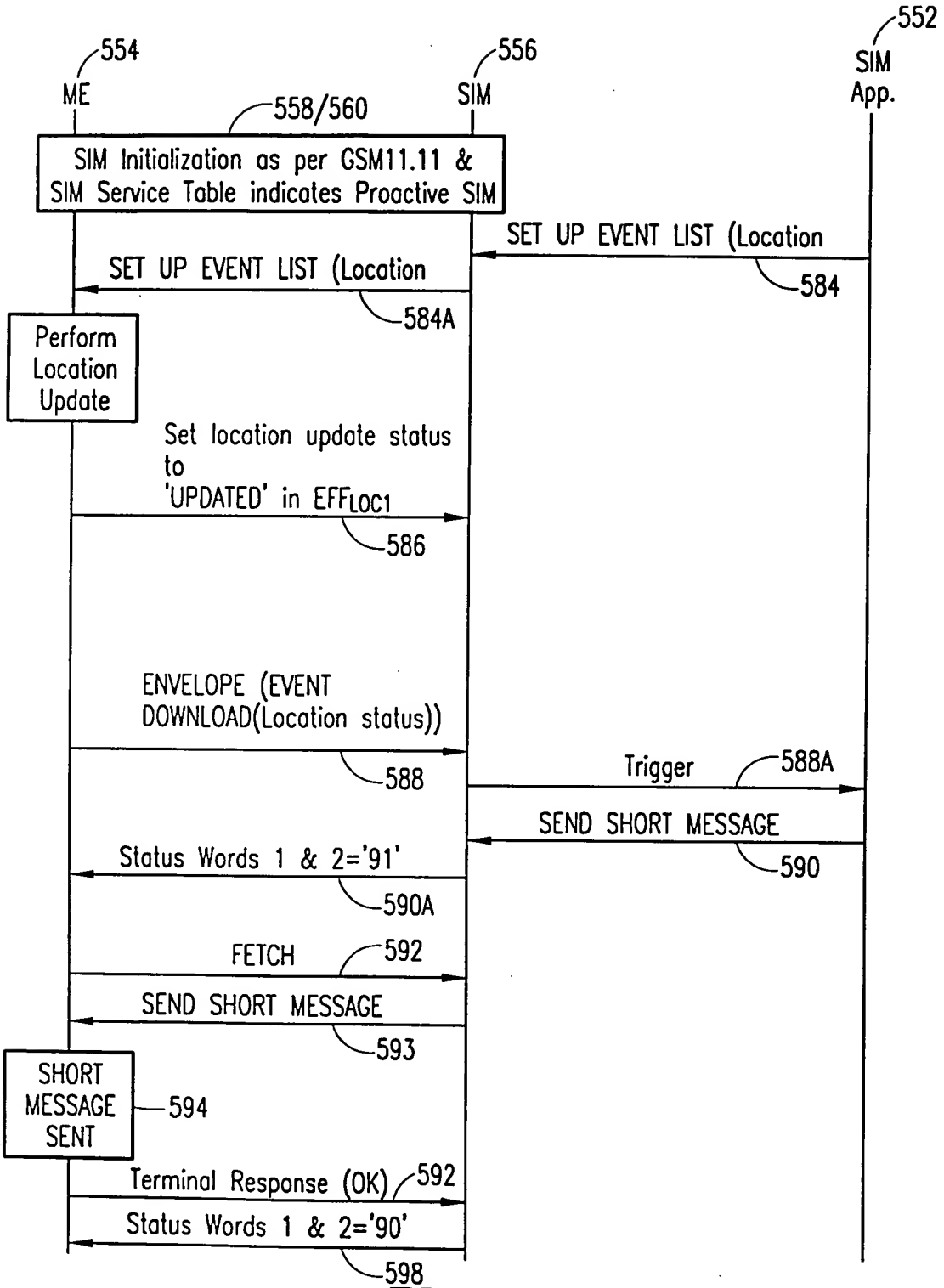

FIG. 13

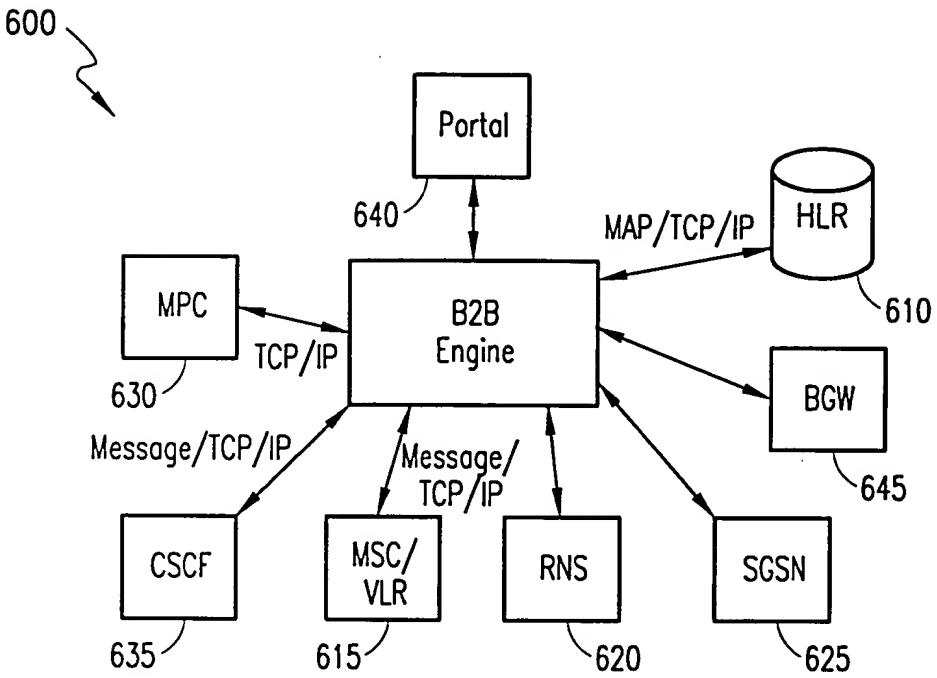
600
Portal
640
MAP/TCP/IP
HLR
610
MPC
630
TCP/IP
B2B
Engine
BGW
645
Message/TCP/IP
Message/
TCP/IP
CSCF
635
MSC/
VLR
615
RNS
620
SGSN
625

FIG. 14

Express Mail No. EV 045 525 543 US

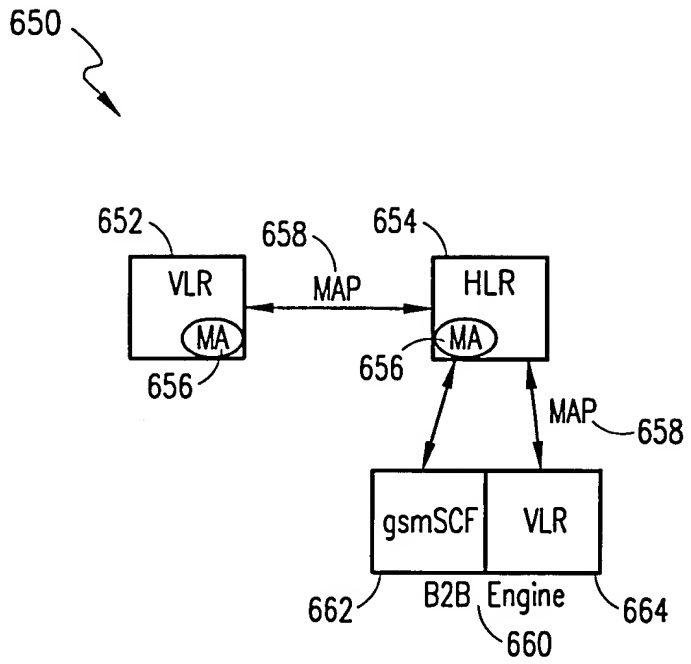

FIG. 15

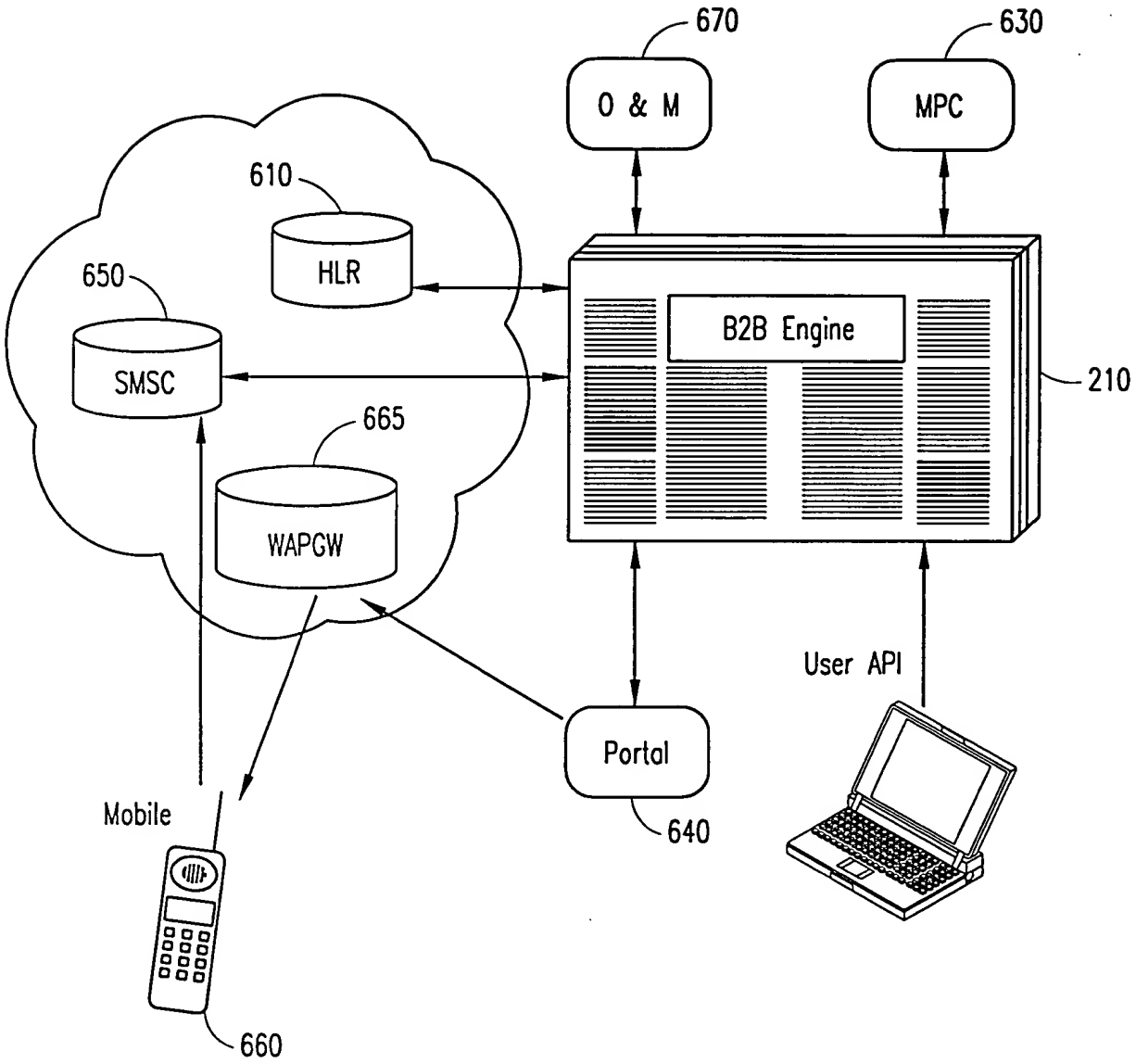
670
630
O & M
MPC
610
HLR
650
SMSC
B2B Engine
210
665
WAPGW
User API
Portal
640
Mobile
660

FIG. 16

T0T250" Eh529860

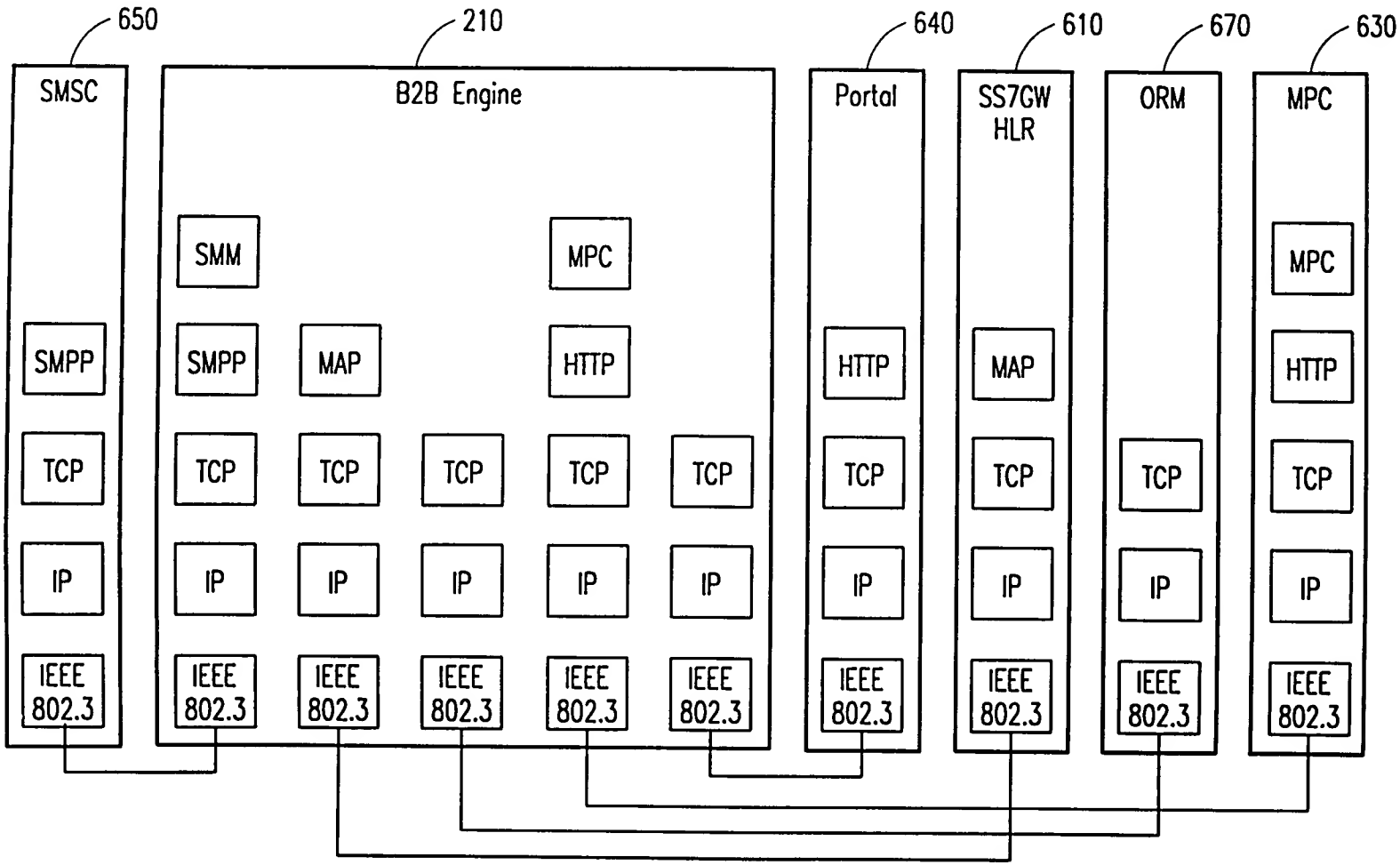

FIG. 17

TOF250 EH529860

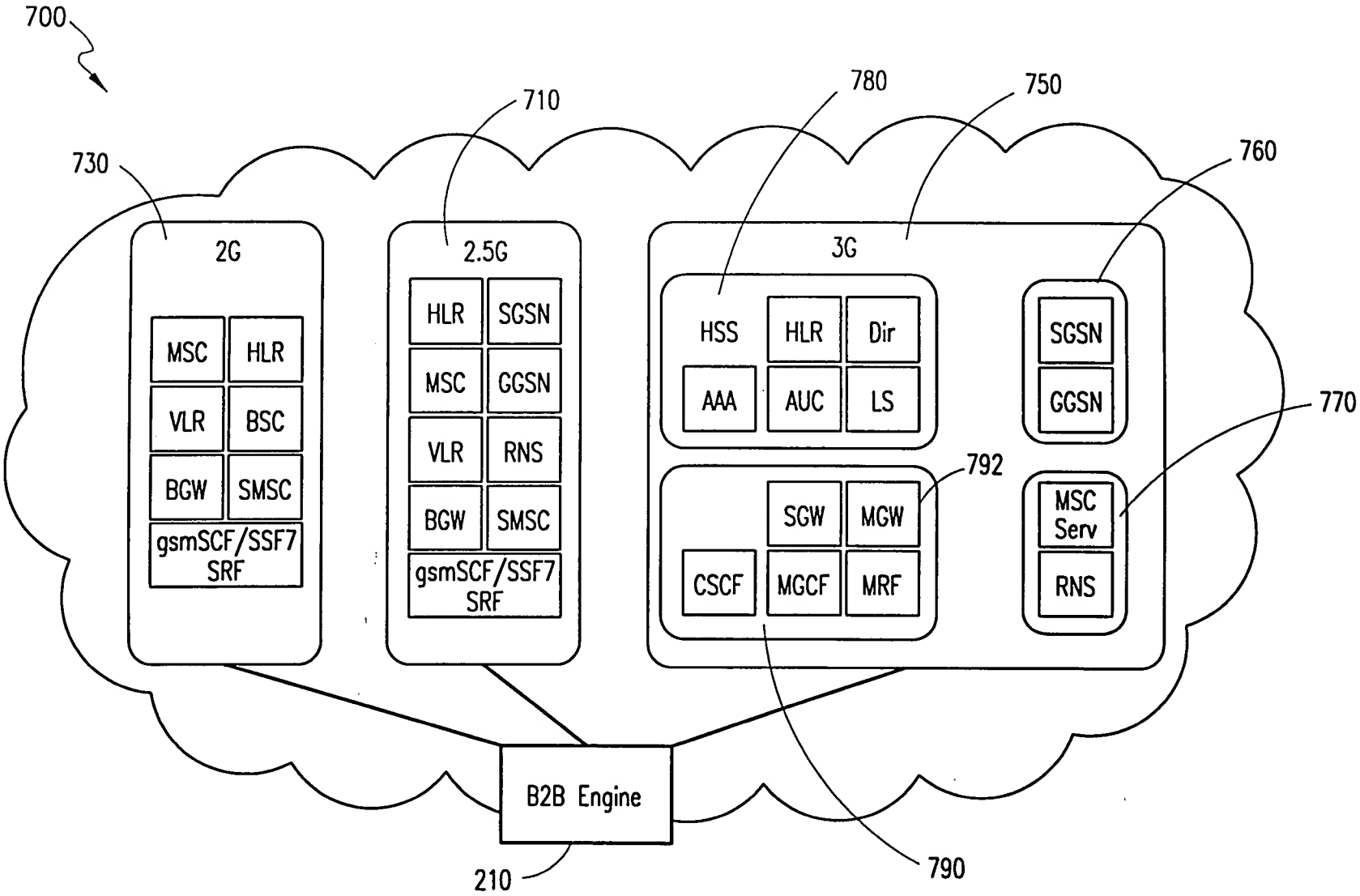

FIG. 18

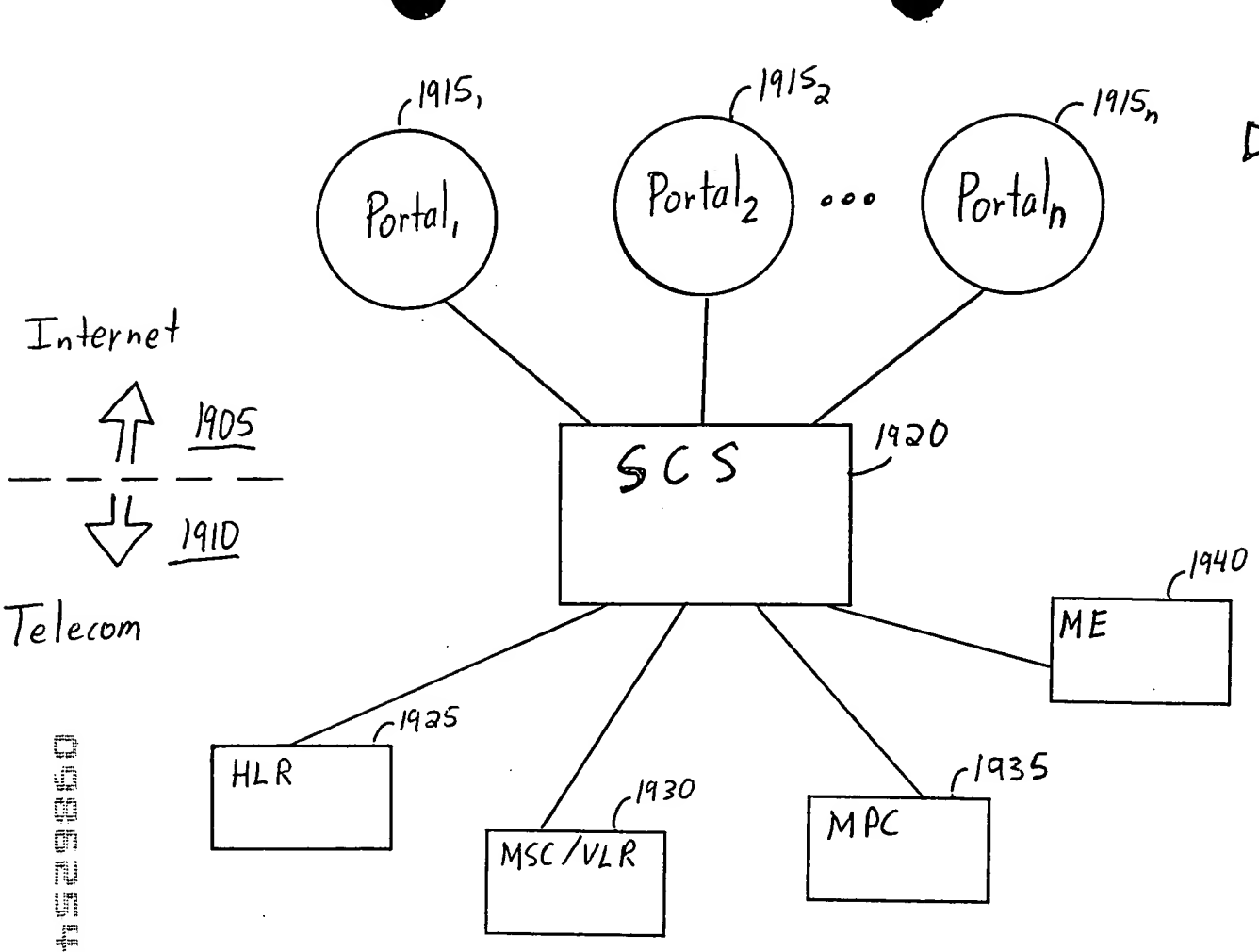

FIG. 19

Docket No. 95-0548.01

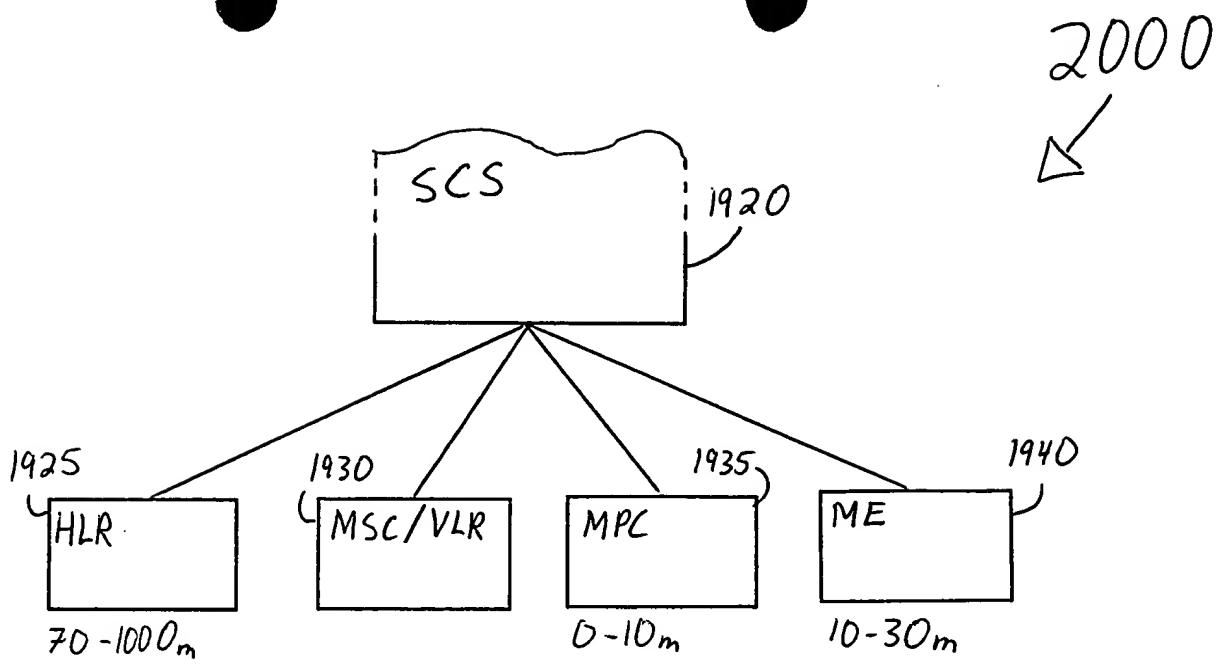

FIG. 20A

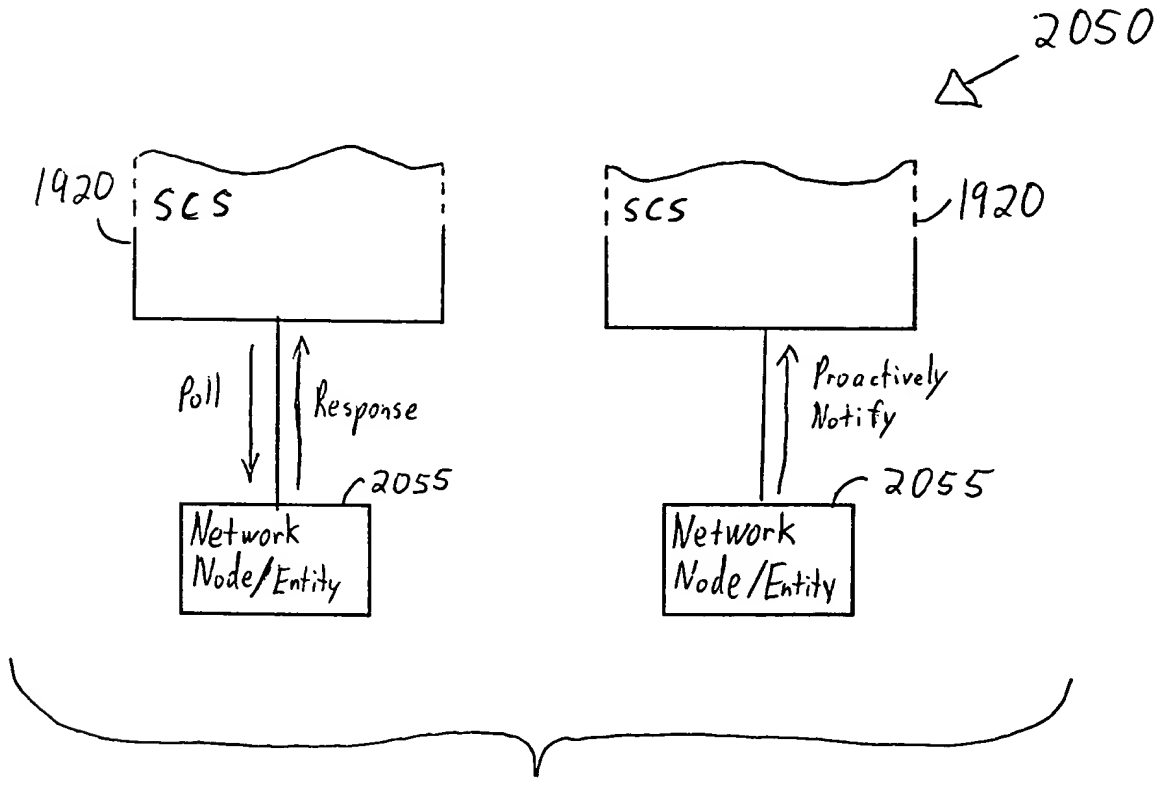

FIG. 20B

2100

Service Class	Accuracy Range (m)	Response Time (ms)	Network Adapter
1	0-10	*	AdapterId1 (MPC)
2	10-30	3600	AdapterId2 (TIAP/SMS)
3	10-30	50	AdapterId3 (TIAP/USSD)
4	70-1000	*	AdapterId4 (HLR)
⋮	⋮	⋮	⋮
N	$X_1 - X_2$	Y	Adapter IdZ (Network Node/Entity)

FIG. 21

05254.0134-05200

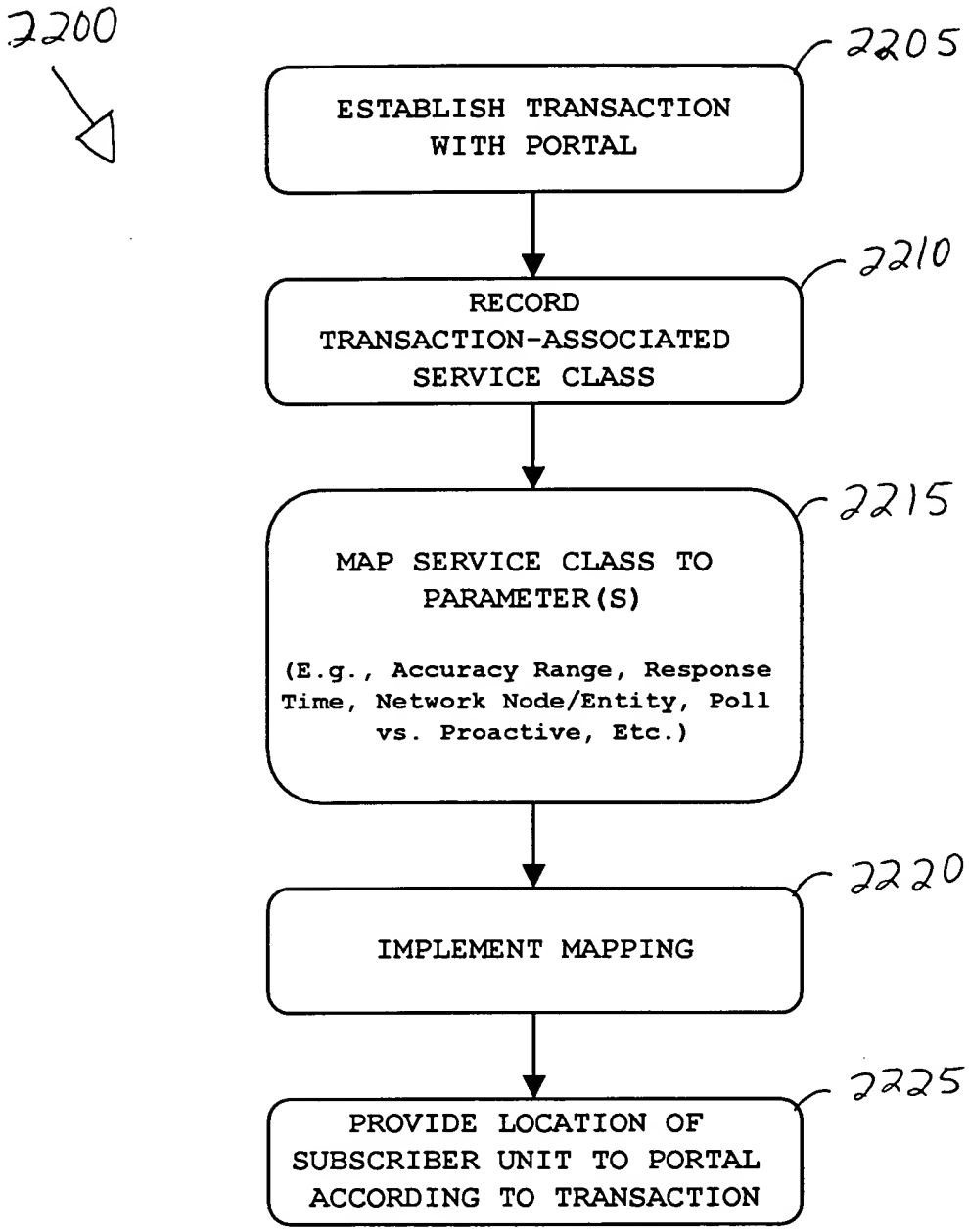
2200
2205
ESTABLISH TRANSACTION WITH PORTAL
2210
RECORD TRANSACTION-ASSOCIATED SERVICE CLASS
2215
MAP SERVICE CLASS TO PARAMETER(S)
(E.g., Accuracy Range, Response Time, Network Node/Entity, Poll vs. Proactive, Etc.)
2220
IMPLEMENT MAPPING
2225
PROVIDE LOCATION OF SUBSCRIBER UNIT TO PORTAL ACCORDING TO TRANSACTION

FIG. 22